



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET**CONFIRMATION NO. 4042**

Bib Data Sheet

SERIAL NUMBER 09/846,390	FILING DATE 05/02/2001 RULE	CLASS 375	GROUP ART UNIT 2634	ATTORNEY DOCKET NO. P20968
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Yasuaki Yuda, Kawasaki-shi, JAPAN;
 Takashi Fukagawa, Kawasaki-shi, JAPAN;
 Youichi Nakagawa, Tokyo, JAPAN; Masahiro Mimura, Tokyo, JAPAN;

** CONTINUING DATA ***** JP

** FOREIGN APPLICATIONS *****
 JAPAN JP2000-139994 05/12/2000 JP

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 06/26/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after	STATE OR COUNTRY JAPAN	SHEETS DRAWING 4	TOTAL CLAIMS 18	INDEPENDENT CLAIMS 3
Verified and Acknowledged	Examiner's Signature <i>JMA</i> Initials JP				

ADDRESS
 7055
 GREENBLUM & BERNSTEIN, P.L.C.
 1950 ROLAND CLARKE PLACE
 RESTON, VA
 20191

TITLE
 Direction of arrival estimator and direction of arrival estimation method

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
------------	---	--